

[Signature]

Production/Admin:
Date
Received/Costing
Initial

Location

Initials of receiver (if shipment OK) Level 12

Part Number	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments
M30481668		256	96	0	160	
M3048135050		177	0	0	177	

Discrepancies

Packing Slip: Yes ☒ No ☐
Invoice: Yes ☐ No ☒
Receipt: Yes ☐ No ☒
Cash: Yes ☐ No ☒

Date: *12/2/97*
Supplier: *AT&T*

Receiving Report

Batch No: *M30481668*
Part P/O: *16209*

Release Note Attached: Yes ☒ No ☐

Waybill Attached: Yes ☒ No ☐

Shipment Complete: Yes ☒ No ☐

QC6 Inspection: Yes ☒ No ☐

Work Order: Yes ☒ No ☐

N/A

N/A

N/A

N/A

Purchase Order Receipt Listing

Wednesday, February 29, 2012 11:23:53 AM

All amounts are calculated in domestic currency.

All Vendors PO ID PO16269 Receipt Dates from 2/29/2012 to 2/29/2012 All Line Item Types
All Item ID/GL/WOs All Rec. Employees All Currencies
Grouped by Vendor ID

Purchase Order ID/ Curr Type	Line Nbr/ Insp	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
Vendor ID \ Vendor Name VC-COP001 Thyssenkrupp Materials CA Ltd											
PO16269	1		M303R1.000	f	3/2/2012	2/29/2012	12.0000	\$6.95	0.0000	0	\$83.40
CAD	No		303 Round Bar 1.00	f	12.0000	DESI02		\$83.40	0.0000	0	
			120866								
	2		M304S16GA	sf	3/2/2012	2/29/2012	96.0000	\$4.53	0.0000	0	\$434.53
	No		304/316 Sheet .063	sf	256.0000	DESI02		\$434.53	0.0000	0	
			120866								
	3		M304S22GA	sf	3/2/2012	2/29/2012	160.0000	\$2.70	0.0000	0	\$431.85
	No		304/316 .032 Sheet	sf	160.0000	DESI02		\$431.85	0.0000	0	
			120866								
	4		M6061T6B0.375X01.	f	3/2/2012	2/29/2012	12.0000	\$2.09	0.0000	0	\$25.11
	No		000		12.0000	DESI02		\$25.11	0.0000	0	
			6061T6 BAR .375 x	f							
			1.00								
			120866								
	5		M6061T6B0.500X05.	f	3/2/2012	2/29/2012	24.0000	\$6.23	0.0000	0	\$149.44
	No		000		24.0000	DESI02		\$149.44	0.0000	0	
			6061-T6 Bar .500 x	f							
			5.00								
			120866								
	6		M6061T6B0.750X06.	f	3/2/2012	2/29/2012	24.0000	\$10.55	0.0000	0	\$253.08
	No		000		24.0000	DESI02		\$253.08	0.0000	0	
			6061T6 BAR .750 X	f							
			6.00								
			120866								
	7		M6061T6B1.000X04.	f	3/2/2012	2/29/2012	12.0000	\$9.46	0.0000	0	\$113.53
	No		000		12.0000	DESI02		\$113.53	0.0000	0	
			6061-T6 Bar 1.00 x	f							
			4.00								
			120866								

Purchase Order ID/ Curr Type	Line Nbr/ Insp	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
Vendor ID/Vendor Name VC-COP001 Thyssenkrupp Materials CA Ltd											
PO16269	8		M6061T6B0.750X08. f 000		3/2/2012	2/29/2012	12.5000	\$14.89	0.0000	0	\$186.17
CAD	No		6061-T6 BAR .750" f X 8.00" 120866		12.0000	DESJ02		\$186.17	0.0000	0	
	9		M6061T6S.063 sf		3/2/2012	2/29/2012	240.0000	\$2.49	0.0000	0	\$597.56
	No		6061-T6 .063 Sheet sf 120866		240.0000	DESJ02		\$597.56	0.0000	0	
Total Received Quantity:											592.5000
Total Qty to Inspect (PO U/M):											0.0000
Total Reject Quantity:											0.0000
Total Receipt Value:											\$2,274.67
Total Balance Due Quantity:											160.0000

DATE

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
RAPPORTÉES IMMÉDIATEMENT,
ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY
RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

Page: 2 ... Continued

Heat Number
15820
18311/02
201108625
20959039
A2101743

*** Chemical Analysis ***

Handwritten signature

TOTAL: Tags 9 PCS 21 LBS 1027

9) Our Order PEC-423522- 9 Your PO # 16269	Heat Number 18311/02 Tag No 41042	MTR Quantity 240.00 SFT PCS 5 Wt LBS 208
8) Our Order PEC-423522- 8 Your PO # 16269	Heat Number 201108625 Tag No 41329	MTR Quantity 12 FT PCS 1 Wt LBS 57
7) Our Order PEC-423522- 7 Your PO # 16269	Heat Number 20959039 Tag No 41328	MTR Quantity .5000 " PCS 1 Wt LBS 85
6) Our Order PEC-423522- 6 Your PO # 16269	Heat Number 15820 Tag No 41326	MTR Quantity 24 FT PCS 2 Wt LBS 128
B I L L O F L A D I N G	HK299 078 41324	24 FT 2 70

Ship From: THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 9057389033
Ship To: (1) DART AEROSPACE

No: PEC 754962
Ship Date 28Feb12 at 11:09 From PFW
Via VIM TRANSFER
FOB CONCORD
Frt PREPAID
Route 0 - 0 Manifest
Trailer
Slp STAN IVERS (905-532-1350)
Sold To: (20115) DART AEROSPACE

THYSSENKRUPP MATERIALS NA

P.O./Ref 16269

Certificate of Mill Test Results

BL PEC-754962-001

28Feb12
Pg 1/1

DART AEROSPACE
STAINLESS STEEL ROUND BAR 303 STAINLESS
1.00" DIA X 144.0000"
PART NO.

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Signed by:



METALLURGICAL TEST REPORT

NORTH AMERICAN STAINLESS
6870 HIGHWAY 42 EAST
GHENT, KY 41045

6870 HIGHWAY 42 EAST

Certificate: 712109 1
Customer: 007206 001
THYSSENKRUPP MATERIALS
2821 LANGSTAFF ROAD
CONCORD, ON L4K5C6

Ship To:
THYSSENKRUPP MATERIALS
2821 LANGSTAFF ROAD
CONCORD, ON L4K5C6

Date: 2/15/2012 Page: 1

Steel: 303

Finish: CD

Your Order: PEC236938

NAS Order: IN 0140609 01

Corrosion:

PRODUCT DESCRIPTION:

Round Bar, Annealed, Cold Draw
ASTM A582/05 EN 10204 3.1, ASTM A484/10
AMS 5640D TYPE 1, QSS-764B CONDITION A

REMARKS:

COMPLIES W/REQUIREMENTS OF DPMs BY DIRECTIVE 2002.95.
EC. ROHS. EAF+AOD+CC. NO WELD REPAIR. MELTED AND MFG IN USA
FREE FROM MERCURY AND LOW MELTING ALLOY CONTAMINATION

Product Id	Skid #	Diameter	Size	Weight	Length	Mark	Pieces	Commodity Code
BE3487 2		1.0000		1.008	144.00	1	1	

CHEMICAL ANALYSIS CM(Country of Melt) ES(Spain) US(United States) ZA(South Africa) JP(Japan)

HEAT	CM	C	CO	CR	CU	MN	MO	N	NI	P
B0B5	US	.0402	.0280	17.1530	.1790	1.7540	.2765	.0508	8.4565	.0355
	S		SI							
		.3365								

MECHANICAL PROPERTIES

Product Id	1 d	HB	2YS	UTS	RA	ELG
	o i	Mo.	KSI	KSI	%	% 4D
BE3487 2	RL	191.00	68.99	105.11	39.81	29.74

NAS hereby certifies that the analysis on this certification is correct and the material meets the specifications stated.

Technical Dept. Mgr.

ERIC HESS

2/15/2012

THYSSENKRUPP MATERIALS NA

PO/Rel 16269

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Certificate of Mill Test Results

BL PEC-754962-003

28Feb12
Pg 1/1

DART AEROSPAC

STAINLESS STEEL SHEET 304-2B
0300 Nom X 48.0000" X 96.0000"
PART NO.

客戶名稱: GLOBAL STAINLESS
CORPORATION

訂單號碼: 100E362A & 100E379A

Contract No.

信用狀號碼:

檢驗日期: 2011/6/3

檢驗證明書 INSPECTION CERTIFICATE

本單編號: 100680113

Customer No.

唐榮公司
TANG ENG IRON WORKS CO., LTD.
YEN LH 2ND ROAD, KAOHSIUNG, TAIWAN



ORIGINAL

項次	產品編號 Product ID	爐號 Heat No.	產品型態 Product Form	鋼種 Steel Grade	表面 Finish	材料 Category	厚度 Thickness	寬度 Width	長度 Length	淨重 Net Weight	參考規格 Specification
1	H1916-B	B8404-3010	CS	304	2B	XL	0.80mmX	1244mm		5079 kg	ASTM A240
2	H1916-B	B8404-3010	CS	304	2B	XL	0.80mmX	1244mm		5065 kg	ASTM A240
3	H1916-C	B8404-3010	CS	304	2B	XL	0.80mmX	1244mm		5105 kg	ASTM A240
4	H1888-A	A2803-3020	CS	304	2B	XL	0.80mmX	1245mm		5031 kg	ASTM A240
Chemical Composition (%)											
項次	C	Si	Mn	P	S	Cr	NI	N	Cu	機械性質 Mechanical Properties	
1	0.044	0.455	1.171	0.030	0.003	18.184	8.058	0.053	-	抗拉強度 Tensile Yield (2%)	伸長率 Elong
2	0.044	0.455	1.171	0.030	0.003	18.184	8.058	0.053	-	662	287
3	0.044	0.455	1.171	0.030	0.003	18.184	8.058	0.053	-	662	287
4	0.041	0.433	1.185	0.029	0.003	18.102	8.032	0.055	-	661	277
Physical Properties											
Remarks:											

- Product form - CS : Cold-rolled stainless steel sheet in coil.
- Inspection certificate in accordance with EN10204/Type 1.1.
- Chemical composition and mechanical properties including T.S, Y.S, Elong, in accordance with EN10028-7/Table 3/1, A301 and EN10088-2/Table 3/1, A301.
- The material described above also in accordance with the requirement of AD2000-W2.
- The material described above has been detected with free transitation pollution.
- The temperature of solution treatment is ranging 1040°C-1130°C in accordance with EN10028-7/Table A.3/1, A301.
- Grade designation originally assigned by the AISI (American Iron and Steel Institute).
- Visual & Dimension inspection : conformity.
- ASTM A480 NO1 finish same as EN 10028-7/EN10088-2 1D finish, ASTM A480 BA finish same as EN10028-7/EN10088-2 2R finish.
- All the above products conform to the requirements specified in ASTM A480.

* Certificate No. of Laboratory Accreditation
(acc. to ISO/IEC 17025-2005) certified by TAF: 10385-081124
* Certificate No. of TECHNIS-ISO9001:2008 registered by
TUV Rheinland Taiwan: 01 100 822 108189
* Certificate No. of OHS for Manufacturer of Materials acc. to
Directive 89/391/EEC (COPED) (OHS acc. to EN 784-5, article 4.2
and AD2000-Merchand WO) registered by TUV Rheinland:
01 202 ROC/O-10 0218

品質主管 (Manager of QA Department) / Work Inspector
Chun-Chi

本號: DQ301A

Plant Serial: 00029222
Kaiser Order Number: 613265
Line Item: 001

Handwritten signature

Alex Yeh, Quality & Technology Manager

Kaiser Aluminum Fabricated Products, LLC hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgment form. Any warranty is limited to that shown on Kaiser's general terms and conditions of sale. Test reports are on file, subject to examination.

CERTIFICATION

MANUFACTURED IN USA (SHEKMAN, TX) MELTED IN USA

Miscellaneous Notes

ASTM-B221-08-STENCILLED ASME-S221 1998 SECT II AMS-QC-A-200/8 UNS#96061 (T6511 a-50 conforms to T6-not applicable to other tempers)

Applicable Requirements:

LIMITS	Si	Fe	Cu	Mn	Mg	Cr	Zn	Pb	Bi	Zr	Ca	Tot
Maximum	0.80	0.70	0.40	0.15	1.20	0.35	0.25	0.15	NA	NA	0.05	0.15
Minimum	0.40	0.00	0.15	0.00	0.80	0.04	0.00	0.00	NA	NA	0.00	0.00
H41902	.65	.41	.23	.09	.90	.09	.05	.02	.01	.02	.00	.04

Chemical Composition (wt%), Aluminum Remainder

REFERENCE	DASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	ELONG%	HARDNESS	CONDUCT.	BEND
HK299 078	0001	5	43.8	38.3	12.5	RE 92	N/A	N/A
HK299 078	0001	2	43.7	38.2	12.8	RE 92	N/A	N/A
HK299 078	0001	3	45.5	41.0	12.3	RE 92	N/A	N/A
HK299 078	0001	4	45.6	40.9	12.5	RE 92	N/A	N/A
HK299 078	0001	5	45.0	39.3	12.8	RE 92	N/A	N/A

Actual Physical Properties

CUSTOMER PO NUMBER: ALREC00870		SHIP DATE: 02/10/2012		KAISER LOT NUMBER: 6061		TEMPER: T6511	
CUSTOMER PART NUMBER: 500 X 5,000 SC RECT BAR		SHIP TO: 2821 LANGSTAFF ROAD CONCORD, ON L4K 5C6 CANADA		THYSSENKRUPP MATERIALS NA		2821 LANGSTAFF ROAD CONCORD, ON L4K 5C6 CANADA	
WEIGHT SHIPPED: 988,000 LB		QUANTITY: 28,000 PCS		BA NUMBER: 602618		SOLD TO:	
KAISER ORDER NUMBER: LINE ITEM: 001		DIMENSIONS: 500 X 5000 X 500		WIDTH: 500		LENGTH: 12,000 FT	

KAISER ALUMINUM
FABRICATED PRODUCTS, LLC
5205 KAISER DRIVE
KALAMAZOO, MI 49048

KAISER ALUMINUM
FABRICATED PRODUCTS

Best in Class

CERTIFIED TEST REPORT
<http://Online-KaiserAluminum.com>

PO/Ref 16269
We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

PART NO. ALUMINUM PLAT BAR 6061-T6511
50" X 5,00" X 144,000"

THYSSENKRUPP MATERIALS NA

THYSSENKRUPP MATERIALS NA

PART AEROSPACE

ALUMINUM PLT BAR ECON PLT 6061-T6511
750" X 8.00" X 14.5000"
PART NO.

PO/Rel 16269

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Signed by:

Certificate of Mill Test Results

BL PEC-754962-007

28Feb12
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sapa

Sapa Industrial Extrusions
53 POTTSVILLE STREET

CRESSONA, PA
17929-0187

Sapa Extrusions Inc., a Subsidiary of Sapa AB

Invoice To Customer

THYSSENKRUPP MATERIALS NA INC
2821 LANGSTAFF ROAD
ATTN: ACCOUNT PAYABLE

CONCORD, ON - L4K 5C6

Ship To Customer

THYSSENKRUPP MATERIALS NA INC
2821 LANGSTAFF ROAD

CONCORD, ON - L4K5C6

Certified Inspection Report

Sales Order Number	Line No.	Customer P/O	Cert Number	Page
1100407241	1	PEC-235276-001	SAPA-496038	1 of 2
			Cert Creation Date	Cert Print Date
			02-JAN-12	02-JAN-12

Quantity Shipped	Date Shipped	Item No.	Item No. Rev	Item Description	Specification
4841	02-JAN-12	02-JAN-12		PLATE	ASTM B221 REV 08
288605		C03928426		750 TK x 8.000 W	AMS-QQ-A-2008 R PV
4273171				148-594 IN L X	ASM-SH221 REV 09
				FIN M MT 1	
				W/F 7.056 F 2 CS 8.03	
				6061/T6511	
				Marking CONTINUOUS	

Customer Part No.
75X8EP

Applicable Specifications, Revisions and Exceptions

COMPOSITION NOTE: The values for 'Others Fast' and 'Others Total' have met the limits as shown on this certified inspection report. Remainder is Aluminum.

Signature And Title

William T. Martin, III

William Martin III

Technical Quality Manager

02-JAN-12

Legal Statement
We hereby certify that, unless otherwise indicated, the material covered by this report has been manufactured, inspected, and tested in accordance with, and has been found to meet, the applicable requirements described herein, including any specifications forming a part of the description and that samples representative of the material met the composition and had the mechanical properties shown on the face of this certification. Also, note that mercury is not a normal contaminant in aluminum alloys and neither it nor any of its compounds are used in the manufacture of our product. This certification is not to be reproduced in partial form without prior written approval of our Quality Assurance Dept.

Package Number	Lot Number	Quantity	UNIT	Grav	Net
G12-PKG1588836	20959039	14	PCS	1195	1189
G12-PKG1588837	20959039	14	PCS	1195	1189
G12-PKG1588838	20959039	14	PCS	1195	1190
G12-PKG1588838	20959039	14	PCS	1195	1190
G12-PKG1588839	20959039	15	PCS	1280	1274

Composition Limits

THYSSENKRUPP MATERIALS NA

PART AEROSPACE

ALUMINUM FL1 BAR ECONOMET 6061-T6511
750" X 8.00" X 144.5000"
PART NO.

PO/Rel 16269

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Signed by:

Certificate of Mill Test Results

BL PEC 754962-007

28Feb12
Pg 2/2

sapa

Sapa Industrial Extrusions
53 ROUTE 111, F. STREET
CRESSONA, PA
17929-0187

Certified Inspection Report

Order Number	Line No.	Customer YPO	Cert Number	Page
1100407241	1	PEC-235276-001	SAPA498038	2 of 2
			Cert Creation Date	Cert Print Date
			02-JAN-12	02-JAN-12

Alloy	Si		Fe		Cu		Mn		Mg		Zn		Pb		Others Each		Others Total	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
6061	0.40	0.80	—	0.70	0.15	0.40	—	0.15	0.80	1.20	0.04	0.35	—	0.25				
T6																		
T6511																		
6061	—	0.15	—	0.05	—	0.05	—	0.05	—	0.15	—	—	—	—	—	—	—	—

Composition Results

Heat/Cont	Si	Fe	Cu	Mn	Mg	Zn	Pb	Others Each	Others Total
5027816-US	0.69	0.31	0.32	0.05	0.87	0.05	0.07	0.02	—

Mechanical Property - Test Limits

Heat/Cont	Tensile		Yield		Elongation		Reduction of Area	
	Min	Max	Min	Max	Min	Max	Min	Max
5027816-US	47.3	47.3	44.2	44.2	12.1	12.1	—	—

Cert Notes

Products manufactured with a T6511 temper also meet T6 temper requirements.
Yield strength has been determined by the 0.2% offset method.
All Alloys Produced at Sapa Industrial Extrusions comply with 0.4% Maximum Lead per RoHS, with the exception of 6062 alloy.
In accordance with EN 18204 Inspection Certificate Type 3.1.
Metall in the USA or Other Qualified Countries as Defined by DEARS 225.872.1
Made in USA

Certificate of Mill Test Results

PO/Rel 16269

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Signed by:

BL PEC-754962-002

28Feb12
Pg 1/1

檢驗證明書

高雄市前金區中正路233號13F

INSPECTION CERTIFICATE

13-F, No. 235, Jungjeng, 4th Road
Chienjin Chh, Kaohsiung, Taiwan.

列印日期(ISSUE DATE): 2011/09/30

Global Stainless Steel Inc.
1150 Meyerside Drive, Mississauga,
Ontario, Canada, L5T 1J4

ORIGINAL

PO No.: 82518
Shipment No.: 4970

The material described above is free irradiation and free mercury
 accordance with ASTM A240 and ASTM A480

茲證明本表所列產品，均依材料規格製造及試驗，並符合規格之要求。

We hereby certify that the products described herein have been manufactured and tested with Satisfactory results in accordance with the requirement of the above material specification.

本產品無輻射污染，並且不含汞。

The material described above is free irradiation and free mercury

Accordance With ASTM A240 And ASTM A480

For and on behalf of
**YUEN CHANG STAINLESS
STEEL, CO., LTD.**

Amir and Glenis

THYSSENKRUPP MATERIALS NA

Certificate of Mill Test Results
 28Feb12 Pg 1/2

PO Ref 16269
 We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

DART AEROSPACE
 ALUMINUM FLAT BAR 6061-T6511
 .375"x1.00" X 144.0000"

KAISER
FABRICATED PRODUCTS
ALUMINUM

CERTIFIED TEST REPORT
<http://Online.KaiserAluminum.com>

KAISER ALUMINUM
 5205 KAISER DRIVE
 FABRICATED PRODUCTS, LLC
 KALAMAZOO, MI 49048

CUSTOMER PO NUMBER:		CUSTOMER PART NUMBER:		PRODUCT DESCRIPTION:	
PEC-235389-1		ALREC00208		.375 X 1.00 SC RECT BAR	
KAISER ORDER NUMBER:	LINE ITEM:	SHIP DATE:	KAISER LOT NUMBER:	ALLOY:	TEMPER:
609222	001	12/08/2011	HK067 793	6061	T6511
WEIGHT SHIPPED:	QUANTITY:	B/L NUMBER:	DRAWING:	WIDTH:	LENGTH:
508.000 LB	96.000 PCS	602083			12.000 FT
SHIP TO:					
THYSSENKRUPP MATERIALS NA 2821 LANGSTAFF ROAD CONCORD, ON L4K 5C6 CANADA					
SOLD TO:					
THYSSENKRUPP MATERIALS NA 2821 LANGSTAFF ROAD CONCORD, ON L4K 5C6 CANADA					

Actual Physical Properties

REFERENCE	DASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	ELONG%	HARDNESS	CONDUCT.	BEND
HKC67 793	0001	0001	45.4	39.7	19.0	RE	94	N/A
HKC67 793	0001	0002	45.6	39.2	19.1	RE	94	N/A
HKC67 793	0001	0003	46.4	40.4	20.1	RE	95	N/A
HKC67 793	0001	0004	46.0	38.1	19.6	RE	95	N/A
HKC67 793	0001	0005	45.3	40.8	19.6	RE	94	N/A
HKC67 793	0001	0006	46.5	41.6	20.5	RE	94	N/A
HKC67 793	0001	0007	45.4	40.8	19.6	RE	97	N/A
HKC67 793	0001	0008	45.5	38.2	19.5	RE	95	N/A
HKC67 793	0001	0009	45.5	40.9	20.4	RE	95	N/A

Chemical Composition (wt%), Aluminum Remainder

LIMITS	SI	FE	CU	MN	MG	CR	ZN	TI	PB	BI	ZR	EA	TOT
Maximum	0.80	0.70	0.40	0.15	1.20	0.35	0.25	0.15	NA	NA	NA	0.35	0.15
Minimum	0.40	0.00	0.15	0.00	0.80	0.04	0.00	0.00	NA	NA	NA	0.00	0.00
A32093	.71	.29	.25	.03	.96	.12	.03	.02	.00	.00	.00	.00	.01
A32087	.70	.29	.22	.04	.92	.11	.03	.02	.00	.00	.00	.00	.01

Applicable Requirements:

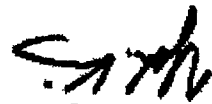
ASTM-B221-08-STENCILED ASKE-S3221 1998 SECT II AMS-QQ-A-200/8 UNS#96C61 (T6511 also conforms to T6-not applicable to other tempers)

Miscellaneous Notes

MANUFACTURED IN USA (COMMERCE, CA) MELTED IN USA

Plant Serial: 00019978
 Kaiser Order Number: 609222
 Line Item: 001

Plant Serial: 00019973
Kaiser Order Number: 609222
Line Item: 001



Alex Yeh, Quality & Technology Manager

Kaiser Aluminum Fabricated Products, LLC hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgment form. Any warranty is limited to that shown on Kaiser's general terms and conditions of sale. Test reports are on file, subject to examination.

CERTIFICATION

KALAMAZOO, MI 49048

6205 KAISER DRIVE

FABRICATED PRODUCTS, LLC

KAISER ALUMINUM

FABRICATED PRODUCTS

**KAISER
ALUMINUM**



CERTIFIED TEST REPORT
<http://Online.KaiserAluminum.com>

PO/R# 16269
We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

THYSSENKRUPP MATERIALS NA

DART AEROSPACE
ALUMINUM FLAT BAR 6061-T6511
PART NO.
"375" x 1.00" X 144.0000"

Signed by:

BL PEC-754962-004

28Feb12
Pg 2/2

Certificate of Mill Test Results

THYSSENKRUPP MATERIALS NA

PART AEROSPACE

ALUMINUM FLAT BAR 6061-T6511
1.00" x 4.00" x 144.0000"
PART NO.

PO/Rel 16269

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Signed by:

BL PEC-754962-008

28Feb12
Pg 1/1

Certificate of Mill Test Results



SERVICE CENTER METALS
5850 Quality Way
Prince George, VA 23875

CERTIFIED INSPECTION REPORT AND TEST RESULTS FOR EXTRUDED PRODUCTS

OUR ORDER NUMBER	ITEM
129472	7

BILL TO	MANIFEST NUMBER	DIE NUMBER	DATE OF SHIPMENT	CERTIFICATION
ThyssenKrupp Materials NA	133288	RB0128	6/10/2011	ASTM-B221-08 StencilContinuous
SHIP TO	CUSTOMER PO	ALLOY / TEMPER	SALES PERSON	SPECIFICATION
ThyssenKrupp Materials NA PEC	PEC-230483	6061-T6511	David Schroeder	AMS-QQA-200/8
Quantity Certified	1,806 lbs	32 pcs	CUSTOMER PART NUMBER	
			RB0128	
			DESCRIPTION	
			SCRB 1.000x4.000	

We hereby certify that the material covered by this report has been inspected in accordance with the most recent certification revision, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the description, and that samples representative of the material met the composition limits and had the mechanical properties shown.

Items produced and certified as 6061-T6511 also meet the requirements of 6061-T6

Mechanical Properties

Test No.	Lot No.	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation
1	201108625	06/03/11	48.6	44.7	18.8

Chemical Composition for Aluminum Alloy 6061

Cast Number	Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Melted In
0511133	6061	0.73	0.38	0.33	0.12	0.86	0.12	0.08	0.02	United States of America

Rev. 9/05/07 - LWS

Print Date: 6/9/2011

Calvin L. Wiggins, Director of Quality & Technical Services

THYSSENKRUPP MATERIALS NA

PO/Rel 16269

Certificate of Mill Test Results

BL.PEC-754962-006

DART-AEROSPACE
ALUMINUM FLAT BAR 6061-T6S11
:750" x 6.00" X 144.0000"
PART NO.

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Signed by:

28Feb12
Pg 1/1



TEL: (416)745-4444 FAX: (416)745-0925 1-800-668-7210
411 CHRISLEA ROAD, WOODBRIDGE, ONTARIO, CANADA L4L 8N4

<http://www.extrudex.com>

MILL TEST REPORT

BL TO	1773	Cert Code:	1	DATE OF SHIPMENT	2/7/2012	EXTRUDEX ORDER NO.	142198 - 5	MANIFEST NO.	260810
THYSSENKRUPP MATERIALS, NA	1773	CUSTOMER PO	PEC-236516	ALLOY	6061	TEMPER	T6S11	SALESMAN	FORBES DODWELL
THYSSENKRUPP MATERIALS, NA		CUSTOMER PART NUMBER	1-750-6000	PART DESCRIPTION	MADE IN CANADA				
750"x6" FB					MILL TEST ASTM B221				

Mechanical Properties

Lot	Alloy	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation	Hardness	Conductivity
A.11	6061	Feb/03/12	43.4	39.8	13.70	89.5, 89.0, 89.7	

Chemical Composition

Cast Number	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Co	V	B	Zr	Ba	Pb	Sn	Sr	Ca	Al	Other
A.11	0.55	0.22	0.19	0.06	0.81	0.05	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Remainder 0.00

David Natale
Quality Control Manager

1 - CUSTOMER COPY

MILL TEST REPORT

Zugversuch / Tensile test		BN/Los LothNo.	Zustand temper	Richtung direction	Rm [ksi]	Rp0.2 [ksi]	A2" [%]
18311/02	T6	LT			46,1	37,4	16
18311/02	T6	LT			46,3	37,7	16
18311/02	T6	LT			46,1	37,4	16
18311/02	T6	LT			46,3	37,7	16
18311/02	T6	LT			46,1	37,4	16
18311/02	T6	LT			46,3	37,7	16
18311/02	T6	LT			46,1	37,4	16
18311/02	T6	LT			46,3	37,7	16
18311/02	T6	LT			46,0	37,6	16
18311/02	T6	LT			46,4	37,9	16
18311/02	T6	LT			46,1	37,6	16
18311/02	T6	LT			46,4	37,1	16

Chemische Zusammensetzung / chemical composition: [% Gewichtanteile / weight proportion (OES)										
Guss Nr. / cast no.	AMAG designation									
01/0043606/1	actual	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti
		0,67	0,44	0,24	0,14	0,91	0,17	0,01	0,04	0,08

AB-Pos.	Bnr/Los/Tellos	Guss Nr.	Werkstoff	Kollo	Gewicht netto	Sik.
ord.-Item.	Lot/No./Part	cast no.	material	packno.	weight net	pcs.
01	18311/02/00	01/0043606/1	6061.1	6225210004	4001,923 lbs	97

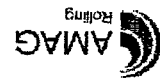
Produkt/product Form / form: Sheet Werkstoff / material: 6061 Zustand / temper: T6 Dim. / dim: [inch]: 0,063x48,00x144,00 Kundenartikel-Nr. / customer article no.:	Bedingungen/terms Techn. Lieferbedingungen / techn. spec.: AMS-QQ-A-250/11, 08.1997 ASTM B 209 - 07 Material meets also the mech. properties of AMS 4027N, 07.2008, but not marked ANSI H35.2-2009 ASME SB 209, 2007 Sonderverschrift / special terms:
---	---

Auftraggeber / customer: ThyssenKrupp Materials NA 2821 Langstaß Rd CDN-L4K 506 CONCORD,ON	Warenempfänger / consignee: ThyssenKrupp Materials NA 2821 Langstaß Rd CDN-L4K 506 CONCORD,ON	Endkunde, Bestell-Nr. / Your cust., ord. no.:
Bestell-Nr. / order no.: PEO-227573 2011 01 20	Datum / date: 2011 01 21	Datum / date: 2011 05 19
Auftragsbest. Nr. / order confirm. no.: 622521	Lieferschein Nr. / delivery note: 85312124	Akkreditiv Nr. / letter of credit no.:

Zertifiziert nach / certified to ISO 8001, ISO/TS 16949, EN/AS 9100, ISO 14001, NADCAP

Abnahmeprüfzeugnis 3.1 (EN 10204)
Inspection certificate – mill certificate

Nr.: 85312124 01 / 7
Rev. 0
Seite / page: 1 von / of 2
Datum / date: 2011 05 19



THYSSENKRUPP MATERIALS NA

DART AEROSPACE
ALUMINUM SHEET 6061 T6
0640 Nom X 48.0000" X 144.0000"
PART NO.

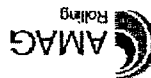
We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

ALUMINUM SHEET 6061 T6
.0640 Nom X 48.0000" X 144.0000"

PART NO.

Signed by: Pg 2/2



Abnahmeprüfzeugnis 3.1 (EN 10204)
Inspection certificate – mill certificate

Zertifiziert nach / certified to ISO 9001, ISO/TS 16949, EN/AS 9100, ISO 14001, NADCAP

Nr.: 85312124 01 / 7
Rev. 0
Seite / page: 2 von / of 2
Datum / date: 2011 05 19

Es wird bestätigt, dass die Lieferung geprüft wurde und den Vereinbarungen bei der Bestellung entspricht.
We hereby certify that the material described above has been tested and complies with the terms of the order contract.

Werkssachverständiger / factory specialist	E-Mail / e-mail
Josef Klampfer	j.klampfer@amag.at

Herstellerland: Österreich / goods origin: The goods are of Austrian origin.
Maschinell erstellt - Gültig ohne Unterschrift / Automated - valid without being signed.

AMAG rolling GmbH, Postfach 32, A-5282 Ranshofen, Österreich – www.amag.at
AMAG rolling GmbH, P.O. Box 32, A-5282 Ranshofen, Austria – www.amag.at

PURCHASE ORDER

Purchase Order ID PO16269

Purchase Order Date 2/23/12

PO Print Date 2/24/12

Page Number 1 of 4

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

DART aerospace

Order From : VC-COP001

THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275, POSTAL "A"
TORONTO, ON M5W 5V8
CA

Contact Name

Vendor Phone

Vendor Fax

Vendor Account Nbr

Buyer

Requisition Nbr

Tax Resale Nbr

Currency

FOB

Chantal Lavoie

Net 30

CAD

Destination-Collect

DART AEROSPACE LTD

1270 ABERDEEN

HAWKESBURY, ON K6A 1K7

CANADA

Ship To :

Line Nbr

Reference

Revision ID

Vendor Part Number

Description/
Mfg ID

Reg Date/
Taxable Unit of Measure

Reg Qty/
Ship Method

Unit Price

Extended
Price

M303R1.000

028

303 Round Bar 1.00

3/02/12

Yes

f

12.00 Yours ppd

\$6.9200

\$83.04

Special Inst:

MATERIAL: AISI 303 SS ROUND BAR AS

PER

ASTM A582

NOTE: AISI 304/316 NOT ACCEPTABLE

3/02/12

Yes

256.00 Yours ppd

\$4.5070

\$1,153.79

Special Inst:

MATERIAL: AISI 304/316 SS SHEET

ANNEALED 2B FINISH AS PER

MIL-S-5059 OR AMS 5513 (304)

OR AMS 5524 (316) OR ASTM A240

OR ASME SA240

3/02/12

Yes

160.00 Yours ppd

\$2.6875

\$430.00

M304S22GA 022

304/316 .032 Sheet

No substitution or deviation without

consent.


Certificate of Conformity or Material
Certification required when applicable

Change Nbr: 2

Change Date: 2/24/12

10/2/25

10/2/25



DART
 Dart Aerospace Ltd.
 1270 Aberdeen Street
 Hawkesbury, ON K6A 1K7
 Tel: 613 632 9577
 Fax: 613 632 1053

PURCHASE ORDER
 Purchase Order ID PO16269
 Purchase Order Date 2/23/12
 PO Print Date 2/24/12

Order From : THYSSENKRUPP MATERIALS CA LTD O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A" TORONTO, ON M5W 5V8 CA	
Contact Name Vendor Phone Vendor Fax Vendor Account Nbr	Buyer Requisition Nbr Tax Resale Nbr Terms Currency FOB
Chantal Lavoie 905 669 9444 905 738 9033	10127-2607 Net 30 CAD Destination-Collect

4	M6061T6B0.375X01.000	6061T6 BAR .375 x 1.00	3/02/12	Yes	12.00	Yours ppd	\$2.0833	\$25.00
Special Inst: MATERIAL: 6061- T6/T651/T6510/6511T62 ALUMINUM BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221								
5	M6061T6B0.500X05.000	6061-T6 Bar .500 x 5.00	3/02/12	Yes	24.00	Yours ppd	\$6.2000	\$148.80
Special Inst: MATERIAL: 6061- T6/T651/T6510/6511T62 ALUMINUM BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221								
6	M6061T6B0.750X06.000	6061T6 BAR .750 X 6.00	3/02/12	Yes	24.00	Yours ppd	\$10.5000	\$252.00
Special Inst: MATERIAL: 6061- T6/T651/T6510/6511T62 ALUMINUM BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221								

DART
aerospace

PO Print Date 2/24/12
Page Number 3 of 4

THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL-C/O T27540/PO BOX 4275, POSTAL "A"
TORONTO, ON M5W 5V8
CA

Contact Name
Vendor Phone
Vendor Fax
Vendor Account Nbr

Buyer	Requisition Nbr	Tax Resale Nbr	Terms	Currency	FOB
-------	-----------------	----------------	-------	----------	-----

Chantal Lavoie
10127-2607
Net 30
CAD
Destination-Collect

MATERIAL: 6061-

ASTM B221
AMS 4160 OR ASTM B211 OR
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR
OR AMS 4117/4128/4115/4116
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8
1/61/631/16310/65111T62 ALUMINUM BAR

6061-T6 Bar 1.00 x 4.00

3/02/12
Yes

Yours

\$113.04

MATERIAL: 6061-

T6/T651/T6510/6511T62 ALUMINUM BAR
AS PER QM-A-225/8 OR AMS-QQ-A-225/8
OR QM-A-225/8 OR AMS-QQ-A-225/8
OR QM-A-200/8 OR AMS-QQ-A-200/8 OR
AMS 4160 OR ASTM B211 OR
ASTM B221

6061-T6 BAR .750" X

~~3/02/12~~

Yours pdd

\$177.96

MATERIAL: 6061-

T6/T651/T6510/6511T62 ALUMINUM BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8
OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR
AMS 4160 OR ASTM B211 OR
ASTM B221

6061-T6 .063 Sheet

8/02/12
Yes


ppd'sino

\$595.00

2

Change Date: 2/24/12

No substitution or deviation without consent.
Certificate of Conformity or Material
Certification required when applicable



Dart Aerospace Ltd.
 1270 Aberdeen Street
 Hawkesbury, ON K6A 1K7
 Tel: 613 632 9577
 Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO16269
 Purchase Order Date 2/23/12
 PO Print Date 2/24/12

Page Number 4 of 4

Order From : VC-COP001

THYSSENKRUPP MATERIALS CA LTD
 O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"
 TORONTO, ON M5W 5V8
 CA

Contact Name
 Vendor Phone 905 669 9444
 Vendor Fax 905 738 9033
 Vendor Account Nbr

Buyer
 Requisition Nbr
 Tax Resale Nbr
 Terms
 Currency
 FOB

Chantal Lavoie
 10127-2607
 Net 30
 CAD
 Destination-Collect

10	M2024T3S.080	2024-T3 .080 sheet	3/02/12	Yes	144.00	Yours ppd	\$6.6528	\$958.00	022	Special Inst:	MATERIAL; 6061-T6/T62 ALUMINUM SHEET AS PER QQ-A-250/11 OR AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027 OR ASTM B209	Special Inst:	MATERIAL: 2024-T3 ALUMINIM SHEET AS PER QQ-A-250/4 OR AMS-QQ-A-250/4 OR AMS 4037 OR ASTM B209	PO Total:	\$3,936.63

MATERIAL CERTIFICATION
 REQD UPON DELIVERY

Change Nbr: 2

Change Date: 2/24/12

No substitution or deviation without
 consent.
 Certificate of Conformity or Material
 Certification required when applicable